

Frank S Walsh

List of Publications by Year in descending order

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158
papers

14,740
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18482

62
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18130

120
g-index

160
all docs

160
docs citations

160
times ranked

8709
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel role for myelin-associated glycoprotein as an inhibitor of axonal regeneration. <i>Neuron</i> , 1994, 13, 757-767.	8.1	996
2	Activation of the FGF receptor underlies neurite outgrowth stimulated by L1, N-CAM, and N-cadherin. <i>Neuron</i> , 1994, 13, 583-594.	8.1	572
3	Inhibitor of neurite outgrowth in humans. <i>Nature</i> , 2000, 403, 383-384.	27.8	541
4	An autosomal transcript in skeletal muscle with homology to dystrophin. <i>Nature</i> , 1989, 339, 55-58.	27.8	501
5	Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs. <i>Nature</i> , 1991, 352, 815-818.	27.8	501
6	NEURAL CELL ADHESION MOLECULES OF THE IMMUNOGLOBULIN SUPERFAMILY: Role in Axon Growth and Guidance. <i>Annual Review of Cell and Developmental Biology</i> , 1997, 13, 425-456.	9.4	435
7	Morphoregulatory activities of NCAM and N-cadherin can be accounted for by G protein-dependent activation of L- and N-type neuronal Ca ²⁺ channels. <i>Cell</i> , 1991, 67, 21-33.	28.9	411
8	Loss of Retrograde Endocannabinoid Signaling and Reduced Adult Neurogenesis in Diacylglycerol Lipase Knock-out Mice. <i>Journal of Neuroscience</i> , 2010, 30, 2017-2024.	3.6	404
9	Neuropilin-2 Is Required In Vivo for Selective Axon Guidance Responses to Secreted Semaphorins. <i>Neuron</i> , 2000, 25, 29-41.	8.1	398
10	Role of myelin Po protein as a homophilic adhesion molecule. <i>Nature</i> , 1990, 344, 871-872.	27.8	356
11	CAM-FGF Receptor Interactions: A Model for Axonal Growth. <i>Molecular and Cellular Neurosciences</i> , 1996, 8, 99-111.	2.2	347
12	Expression of a Dominant Negative FGF Receptor Inhibits Axonal Growth and FGF Receptor Phosphorylation Stimulated by CAMs. <i>Neuron</i> , 1997, 18, 231-242.	8.1	318
13	Neurite outgrowth in response to transfected N-CAM changes during development and is modulated by polysialic acid. <i>Neuron</i> , 1990, 5, 209-219.	8.1	299
14	A threshold effect of the major isoforms of NCAM on neurite outgrowth. <i>Nature</i> , 1990, 343, 464-466.	27.8	264
15	Signal transduction events underlying neurite outgrowth stimulated by cell adhesion molecules. <i>Current Opinion in Neurobiology</i> , 1994, 4, 49-55.	4.2	237
16	Alternative splicing generates a secreted form of N-CAM in muscle and brain. <i>Cell</i> , 1988, 55, 955-964.	28.9	236
17	Neurite Outgrowth Stimulated by Neural Cell Adhesion Molecules Requires Growth-Associated Protein-43 (GAP-43) Function and Is Associated with GAP-43 Phosphorylation in Growth Cones. <i>Journal of Neuroscience</i> , 1998, 18, 10429-10437.	3.6	226
18	An inactive pool of GSK-3 at the leading edge of growth cones is implicated in Semaphorin 3A signaling. <i>Journal of Cell Biology</i> , 2002, 157, 211-217.	5.2	226

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19	Human muscle neural cell adhesion molecule (N-CAM): Identification of a muscle-specific sequence in the extracellular domain. <i>Cell</i> , 1987, 50, 1119-1130.	28.9	222
20	The FGF receptor uses the endocannabinoid signaling system to couple to an axonal growth response. <i>Journal of Cell Biology</i> , 2003, 160, 481-486.	5.2	213
21	Orientation of cell-surface antigens in the lipid bilayer of lymphocyte plasma membrane. <i>Nature</i> , 1977, 269, 307-311.	27.8	184
22	Neurite outgrowth in response to transfected N-CAM and N-cadherin reveals fundamental differences in neuronal responsiveness to CAMs. <i>Neuron</i> , 1991, 6, 247-258.	8.1	182
23	A soluble chimeric form of the L1 glycoprotein stimulates neurite outgrowth. <i>Neuron</i> , 1995, 14, 57-66.	8.1	167
24	Myelin-associated Glycoprotein Interacts with Ganglioside GT1b. <i>Journal of Biological Chemistry</i> , 2001, 276, 20280-20285.	3.4	167
25	A diacylglycerol lipase-CB2 cannabinoid pathway regulates adult subventricular zone neurogenesis in an age-dependent manner. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 526-536.	2.2	158
26	Structural Mosaicism on the Submicron Scale in the Plasma Membrane. <i>Biophysical Journal</i> , 1998, 74, 297-308.	0.5	157
27	Expression of human full-length and minidystrophin in transgenic mdx mice: implications for gene therapy of Duchenne muscular dystrophy. <i>Human Molecular Genetics</i> , 1995, 4, 1245-1250.	2.9	152
28	Nogo Provides a Molecular Marker for Diagnosis of Amyotrophic Lateral Sclerosis. <i>Neurobiology of Disease</i> , 2002, 10, 358-365.	4.4	152
29	Isolation of human myoblasts with the fluorescence-activated cell sorter. <i>Experimental Cell Research</i> , 1988, 174, 252-265.	2.6	144
30	The VASE exon downregulates the neurite growth-promoting activity of NCAM 140. <i>Nature</i> , 1992, 356, 791-793.	27.8	142
31	Enhanced myogenesis in NCAM-transfected mouse myoblasts. <i>Nature</i> , 1990, 344, 348-351.	27.8	140
32	Promiscuity of fibroblast growth factor receptors. <i>BioEssays</i> , 1996, 18, 639-646.	2.5	140
33	The neural cell adhesion molecule and synaptic plasticity. <i>Journal of Neurobiology</i> , 1995, 26, 437-446.	3.6	133
34	Direct retroviral-mediated transfer of a dystrophin minigene into mdx mouse muscle in vivo. <i>Human Molecular Genetics</i> , 1993, 2, 717-723.	2.9	132
35	Surface antigen differentiation during human myogenesis in culture. <i>Nature</i> , 1981, 289, 60-64.	27.8	129
36	Identification of an N-cadherin Motif That Can Interact with the Fibroblast Growth Factor Receptor and Is Required for Axonal Growth. <i>Journal of Biological Chemistry</i> , 2001, 276, 43879-43886.	3.4	129

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37	The Production of Arachidonic Acid Can Account for Calcium Channel Activation in the Second Messenger Pathway Underlying Neurite Outgrowth Stimulated by NCAM, Nâ€Cadherin, and L1. <i>Journal of Neurochemistry</i> , 1994, 62, 1231-1234.	3.9	126
38	The 5-HT ₆ Receptor Antagonist SB-271046 Reverses Scopolamine-Disrupted Consolidation of a Passive Avoidance Task and Ameliorates Spatial Task Deficits in Aged Rats. <i>Neuropsychopharmacology</i> , 2004, 29, 93-100.	5.4	125
39	Sema3A-induced growth-cone collapse is mediated by Rac1 amino acids 17â€32. <i>Current Biology</i> , 1999, 9, 991-998.	3.9	123
40	Ganglioside GM1 Does Not Initiate, but Enhances Neurite Regeneration of Nerve Growth Factor-Dependent Sensory Neurones. <i>Journal of Neurochemistry</i> , 1985, 44, 1259-1265.	3.9	122
41	Cell adhesion molecules, second messengers and axonal growth. <i>Current Opinion in Neurobiology</i> , 1992, 2, 595-601.	4.2	116
42	Association of GABAB Receptors and Members of the 14-3-3 Family of Signaling Proteins. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 317-328.	2.2	115
43	Cyclic AMPâ€dependent protein kinase phosphorylation facilitates GABAB receptorâ€effector coupling. <i>Nature Neuroscience</i> , 2002, 5, 415-424.	14.8	115
44	Inhibition of FGF-stimulated phosphatidylinositol hydrolysis and neurite outgrowth by a cell-membrane permeable phosphopeptide. <i>Current Biology</i> , 1996, 6, 580-587.	3.9	114
45	Choline acetyltransferase messenger RNA expression in developing and adult rat brain: regulation by nerve growth factor. <i>Molecular Brain Research</i> , 1991, 9, 319-325.	2.3	112
46	Soluble Myelin-Associated Glycoprotein (MAG) Found in Vivo Inhibits Axonal Regeneration. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 333-346.	2.2	106
47	Heteromeric Assembly of GABABR1 and GABABR2 Receptor Subunits Inhibits Ca ²⁺ Current in Sympathetic Neurons. <i>Journal of Neuroscience</i> , 2000, 20, 2867-2874.	3.6	100
48	Neurotrophic Molecules: Strategies for Designing Effective Therapeutic Molecules in Neurodegeneration. <i>Molecular and Cellular Neurosciences</i> , 1998, 12, 179-193.	2.2	98
49	The FGFR1 Inhibitor PD 173074 Selectively and Potently Antagonizes FGF-2 Neurotrophic and Neurotropic Effects. <i>Journal of Neurochemistry</i> , 2002, 75, 1520-1527.	3.9	85
50	Lipid rafts mediate the interaction between myelin-associated glycoprotein (MAG) on myelin and MAG-receptors on neurons. <i>Molecular and Cellular Neurosciences</i> , 2003, 22, 344-352.	2.2	82
51	Myostatin inhibition slows muscle atrophy in rodent models of amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2006, 23, 697-707.	4.4	82
52	Cell signalling cascades regulating neuronal growth-promoting and inhibitory cues. <i>Progress in Neurobiology</i> , 2001, 65, 593-608.	5.7	80
53	A Ca ²⁺ /Calmodulin Kinase Inhibitor, KN-62, Inhibits Neurite Outgrowth Stimulated by CAMs and FGF. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 69-79.	2.2	79
54	Nâ€Cadherin Gene Maps to Human Chromosome 18 and Is Not Linked to the Eâ€Cadherin Gene. <i>Journal of Neurochemistry</i> , 1990, 55, 805-812.	3.9	78

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55	Fibroblast Growth Factor Receptor Function Is Required for the Orderly Projection of Ganglion Cell Axons in the Developing Mammalian Retina. <i>Molecular and Cellular Neurosciences</i> , 1996, 8, 120-128.	2.2	77
56	Nerve growth factor activates Thy-1 and neurofilament gene transcription in rat PC12 cells. <i>EMBO Journal</i> , 1986, 5, 3449-3453.	7.8	74
57	The Structure of the Lingo-1 Ectodomain, a Module Implicated in Central Nervous System Repair Inhibition. <i>Journal of Biological Chemistry</i> , 2006, 281, 36378-36390.	3.4	73
58	Preparation of inside-out vesicles of pig lymphocyte plasma membrane. <i>Biochemistry</i> , 1976, 15, 3557-3563.	2.5	72
59	Selective Inhibition of Growth Factor-stimulated Mitogenesis by a Cell-permeable Grb2-binding Peptide. <i>Journal of Biological Chemistry</i> , 1997, 272, 22349-22354.	3.4	70
60	Cell adhesion molecules and neuronal regeneration. <i>Current Opinion in Cell Biology</i> , 1996, 8, 707-713.	5.4	69
61	Factors controlling the expression of the NGF receptor in PC12 cells. <i>Neuroscience Letters</i> , 1988, 92, 222-227.	2.1	65
62	Structure and function of the gene for neural cell adhesion molecule. <i>Seminars in Neuroscience</i> , 1991, 3, 271-284.	2.2	65
63	Receptors for myelin inhibitors: Structures and therapeutic opportunities. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 1-14.	2.2	64
64	Quantitative Evaluation of Neurite Outgrowth in Cultures of Human Foetal Brain and Dorsal Root Ganglion Cells Using an Enzyme-Linked Immunoabsorbent Assay for Human Neurofilament Protein. <i>Journal of Neurochemistry</i> , 1984, 42, 1116-1122.	3.9	62
65	BDNF regulates neuronal sensitivity to endocannabinoids. <i>Neuroscience Letters</i> , 2009, 467, 90-94.	2.1	62
66	Specific changes in cellular glycoproteins and surface proteins during myogenesis in clonal muscle cells. <i>Developmental Biology</i> , 1981, 81, 229-237.	2.0	61
67	Amyloid precursor protein (APP) contributes to pathology in the SOD1G93A mouse model of amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2012, 21, 3871-3882.	2.9	56
68	Blood-brain barrier transport using a high affinity, brain-selective VNAR antibody targeting transferrin receptor 1. <i>FASEB Journal</i> , 2021, 35, e21172.	0.5	56
69	Alternative Splicing of the Cytoplasmic Domain of Neural Cell Adhesion Molecule Alters Its Ability to Act as a Substrate for Neurite Outgrowth. <i>Journal of Neurochemistry</i> , 1992, 58, 2338-2341.	3.9	53
70	The selective 5-HT6 receptor antagonists SB-271046 and SB-399885 potentiate NCAM PSA immunolabeling of dentate granule cells, but not neurogenesis, in the hippocampal formation of mature Wistar rats. <i>Neuropharmacology</i> , 2008, 54, 1166-1174.	4.1	53
71	Generation of multiple N-CAM polypeptides from a single gene. <i>BioEssays</i> , 1989, 11, 83-88.	2.5	52
72	Identification of Neuroprotective Properties of Anti-MAG Antibody: A Novel Approach for the Treatment of Stroke?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 98-107.	4.3	49

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73	Cellular uptake and spread of the cell-permeable peptide penetratin in adult rat brain. <i>European Journal of Neuroscience</i> , 2000, 12, 2847-2855.	2.6	46
74	Elucidation of the molecular actions of NCAM and structurally related cell adhesion molecules. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 502-513.	2.6	43
75	Cellular determinants of the lateral mobility of neural cell adhesion molecules. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1330, 138-144.	2.6	43
76	Review: A Role for the FGF Receptor in the Axonal Growth Response Stimulated by Cell Adhesion Molecules?. <i>Cell Adhesion and Communication</i> , 1996, 3, 441-450.	1.7	42
77	A Soluble Version of the Receptor-like Protein Tyrosine Phosphatase $\hat{\text{p}}$ Stimulates Neurite Outgrowth via a Grb2/MEK1-Dependent Signaling Cascade. <i>Molecular and Cellular Neurosciences</i> , 1999, 13, 441-449.	2.2	42
78	The N-cam gene is a complex transcriptional unit. <i>Neurochemistry International</i> , 1988, 12, 263-267.	3.8	41
79	The contrasting roles of N-CAM and N-cadherin as neurite outgrowthpromoting molecules. <i>Journal of Cell Science</i> , 1991, 1991, 13-21.	2.0	41
80	Use of the Neural Cell Adhesion Molecule VASE Exon by Neurons Is Associated with a Specific Down-Regulation of Neural Cell Adhesion Molecule-Dependent Neurite Outgrowth in the Developing Cerebellum and Hippocampus. <i>Journal of Neurochemistry</i> , 1992, 59, 1959-1962.	3.9	40
81	A dimeric version of the short N-cadherin binding motif HAVDI promotes neuronal cell survival by activating an N-cadherin/fibroblast growth factor receptor signalling cascade. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 17-23.	2.2	40
82	Cholera Toxin and Dibutyl Cyclic AMP Inhibit the Expression of Neurofilament Protein Induced by Nerve Growth Factor in Cultures of Naive and Primed PC12 Cells. <i>Journal of Neurochemistry</i> , 1987, 49, 1676-1687.	3.9	39
83	Ganglioside GM1Antibodies and B-Cholera Toxin Bind Specifically to Embryonic Chick Dorsal Root Ganglion Neurons but Do Not Modulate Neurite Regeneration. <i>Journal of Neurochemistry</i> , 1987, 48, 1237-1244.	3.9	39
84	Brain delivery of biologics using a crossâ€species reactive transferrin receptor 1 VNAR shuttle. <i>FASEB Journal</i> , 2020, 34, 13272-13283.	0.5	37
85	Expression of cell adhesion molecule, N-CAM, in diseases of adult human skeletal muscle. <i>Neuroscience Letters</i> , 1985, 59, 73-78.	2.1	36
86	Cloning and expression of human nebulin cDNAs and assignment of the gene to chromosome 2q31-q32. <i>Genomics</i> , 1988, 2, 249-256.	2.9	36
87	Ectopic Expression of NCAM in Skeletal Muscle of Transgenic Mice Results in Terminal Sprouting at the Neuromuscular Junction and Altered Structure But Not Function. <i>Molecular and Cellular Neurosciences</i> , 2000, 15, 244-261.	2.2	36
88	Monoclonal antibody to human fibronectin: Production and characterization using human muscle cultures. <i>Developmental Biology</i> , 1981, 84, 121-132.	2.0	35
89	Ganglioside Inhibition of Neurite Outgrowth Requires Nogo Receptor Function. <i>Journal of Biological Chemistry</i> , 2008, 283, 16641-16652.	3.4	34
90	Neural cell adhesion molecule (N-CAM) expression during cardiac development in the rat. <i>Brain Research</i> , 1989, 483, 170-176.	2.2	33

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91	Lactose sensitive lectin of chick retina and spinal cord. <i>Biochemical and Biophysical Research Communications</i> , 1978, 83, 1246-1252.	2.1	32
92	Increased Intracellular Cyclic AMP Differentially Modulates Nerve Growth Factor Induction of Three Neuronal Recognition Molecules Involved in Neurite Outgrowth. <i>Journal of Neurochemistry</i> , 1989, 53, 1581-1588.	3.9	32
93	Structure of the Human N-Cadherin Gene: YAC Analysis and Fine Chromosomal Mapping to 18q11.2. <i>Genomics</i> , 1994, 22, 172-179.	2.9	32
94	Expression of NCAM isoforms during skeletal myogenesis in the mouse embryo. <i>Developmental Dynamics</i> , 1992, 194, 94-104.	1.8	31
95	Migratory, invasive and metastatic capacity of NCAM transfected rat glioma cells. <i>International Journal of Developmental Neuroscience</i> , 1993, 11, 681-690.	1.6	31
96	Neurite Outgrowth Stimulated by L1 Requires Calcium Influx into Neurons but is Not Associated with Changes in Steady State Levels of Calcium in Growth Cones. <i>Cell Adhesion and Communication</i> , 1994, 2, 441-453.	1.7	31
97	Overcoming the Inhibitors of Myelin with a Novel Neurotrophin Strategy. <i>Journal of Biological Chemistry</i> , 2005, 280, 5862-5869.	3.4	30
98	K-252a specifically inhibits the survival and morphological differentiation of NGF-dependent neurons in primary cultures of human dorsal root ganglia. <i>Neuroscience Letters</i> , 1989, 96, 1-6.	2.1	29
99	Alternative splicing of neural-cell-adhesion molecule mRNA in human small-cell lung-cancer cell line H69. <i>International Journal of Cancer</i> , 1992, 51, 238-243.	5.1	29
100	Efficiency of In Vivo Gene Transfer Using Murine Retroviral Vectors Is Strain-Dependent in Mice. <i>Human Gene Therapy</i> , 1995, 6, 1177-1183.	2.7	29
101	NCAM Requires a Cytoplasmic Domain to Function as a Neurite Outgrowth-Promoting Neuronal Receptor. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 521-531.	2.2	29
102	A complementary peptide approach applied to the design of novel semaphorin/neuropilin antagonists. <i>Journal of Neurochemistry</i> , 2005, 92, 1180-1190.	3.9	29
103	Unmasking N-CAM. <i>Nature</i> , 1989, 339, 516-516.	27.8	28
104	Structural Features of Collapsin Required for Biological Activity and Distribution of Binding Sites in the Developing Chick. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 358-371.	2.2	28
105	Cell Survival Characteristics and Choline Acetyltransferase Activity in Motor Neurone-Enriched Cultures from Chick Embryo Spinal Cord. <i>Journal of Neurochemistry</i> , 1985, 45, 1323-1326.	3.9	27
106	Neurite Outgrowth Stimulated by the Tyrosine Kinase Inhibitor Herbimycin A Requires Activation of Tyrosine Kinases and Protein Kinase C. <i>Journal of Neurochemistry</i> , 1994, 62, 2124-2131.	3.9	27
107	Novel drug development for amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2000, 180, 21-28.	0.6	26
108	Transplantation of Retroviral Producer Cells for In Vivo Gene Transfer into Mouse Skeletal Muscle. <i>Human Gene Therapy</i> , 1996, 7, 595-602.	2.7	25

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109	Immunocytochemical analysis of fibre type differentiation in developing skeletal muscle. Journal of Neuroimmunology, 1984, 7, 137-149.	2.3	24
110	Thyroid hormones regulate expression of the neural cell adhesion molecule in adult skeletal muscle. FEBS Letters, 1987, 219, 135-138.	2.8	24
111	New approaches to the study of human dystrophic muscle cells in culture. Journal of the Neurological Sciences, 1983, 58, 315-334.	0.6	23
112	Molecular specificity of ganglioside effects on neurite regeneration of sensory neurons in vitro. Neuroscience Letters, 1985, 62, 193-198.	2.1	23
113	Single domain shark VNAR antibodies neutralize SARS-CoV-2 infection in vitro. FASEB Journal, 2021, 35, e21970.	0.5	22
114	Control of Thy-1 Glycoprotein Expression in Cultures of PC12 Cells. Journal of Neurochemistry, 1987, 49, 610-616.	3.9	21
115	The effect of nerve growth factor and its antibodies on neurofilament protein expression in primary cultures of sensory and spinal neurons. Neuroscience Letters, 1984, 51, 55-60.	2.1	18
116	Identification and Characterization of Neuron-Specific and Developmentally Regulated Gene Transcripts in the Chick Embryo Spinal Cord. Journal of Neurochemistry, 1986, 46, 787-793.	3.9	18
117	Overcoming Amino-Nogo-induced Inhibition of Cell Spreading and Neurite Outgrowth by 12-O-Tetradecanoylphorbol-13-acetate-type Tumor Promoters. Journal of Biological Chemistry, 2010, 285, 6425-6433.	3.4	18
118	Endogenous lectins of human muscle. FEBS Letters, 1980, 118, 200-204.	2.8	16
119	Neural Cell Adhesion Molecule (NCAM) Expression in Nerves and Muscle of Developing Human Large Bowel. Journal of Pediatric Gastroenterology and Nutrition, 1996, 22, 351-358.	1.8	16
120	Identification of cell-surface antigens present exclusively on a sub-population of astrocytes in human foetal brain cultures. Journal of Neuroimmunology, 1983, 5, 111-123.	2.3	15
121	Effect of NCAM-transfection on growth and invasion of a human cancer cell line. Apms, 1997, 105, 919-930.	2.0	14
122	A Single Domain Shark Antibody Targeting the Transferrin Receptor 1 Delivers a TrkB Agonist Antibody to the Brain and Provides Full Neuroprotection in a Mouse Model of Parkinson's Disease. Pharmaceuticals, 2022, 14, 1335.	4.5	14
123	Amphotericin B, identified from a natural product screen, antagonizes CNS inhibitors to promote axon growth via activation of an Akt pathway in neurons. Journal of Neurochemistry, 2010, 113, 1331-1342.	3.9	13
124	Human muscle cell surface antigen 16.3A5 is encoded by a gene on chromosome 11. Somatic Cell and Molecular Genetics, 1984, 10, 535-540.	0.7	11
125	Neurite outgrowth of spinal neurons on tissue sections of embryonic muscle is largely integrin dependent. Neuroscience Letters, 1993, 159, 202-206.	2.1	11
126	Human Skeletal Muscle Cells Synthesise a Neuronotrophic Factor Reactive with Spinal Neurons. Journal of Neurochemistry, 1986, 46, 133-139.	3.9	10

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127	Production of high titre helper-free recombinant retroviral vectors by lipofection. <i>Nucleic Acids Research</i> , 1994, 22, 1117-1118.	14.5	10
128	Extracellular matrix antigen of human muscle defined by a monoclonal antibody. <i>Journal of Neuroimmunology</i> , 1983, 5, 11-31.	2.3	9
129	Tissue-specific isoforms of dystrophin. <i>Trends in Neurosciences</i> , 1989, 12, 235-238.	8.6	9
130	Chapter 8 Cell adhesion molecule (NCAM and N-cadherin)-dependent neurite outgrowth is modulated by gangliosides. <i>Progress in Brain Research</i> , 1994, 101, 113-118.	1.4	9
131	N-CAM is a Target Cell Surface Antigen for the Purification of Muscle Cells for Myoblast Transfer Therapy. <i>Advances in Experimental Medicine and Biology</i> , 1990, 280, 41-46.	1.6	8
132	Retroviral-mediated gene transfer into murine and human skeletal muscle for the correction of dystrophin deficiency. <i>Biochemical Society Transactions</i> , 1996, 24, 275S-275S.	3.4	5
133	IDENTIFICATION AND CHARACTERISATION OF PLASMA MEMBRANE ANTIGENS OF NEURONS AND MUSCLE CELLS USING MONOCLONAL ANTIBODIES. , 1980, , 285-320.		5
134	Analysis of PC12 cell adhesion to muscle and non-muscle cells and components of the extracellular matrix. <i>Experimental Cell Research</i> , 1988, 179, 233-242.	2.6	4
135	Myostatin as a therapeutic target in Amyotrophic Lateral Sclerosis. <i>Neurochemistry International</i> , 2012, 61, 931-935.	3.8	4
136	Structure of the Inner Surface of Lymphocyte Plasma Membrane. <i>Biochemical Society Transactions</i> , 1977, 5, 1134-1137.	3.4	3
137	Idiopathic constipation is not associated with increased NCAM expression on intestinal muscle. <i>Digestive Diseases and Sciences</i> , 1996, 41, 1298-1302.	2.3	3
138	Differential Expression of Cell-Surface Antigens on Muscle Satellite Cells and Myoblasts. , 1985, , 177-188.		3
139	Orientation of Glycoproteins in Pig Lymphocyte Plasma Membrane. <i>Biochemical Society Transactions</i> , 1977, 5, 1137-1139.	3.4	2
140	Preparation of Monoclonal Antibodies to Chick Neural Retina-Cell-Surface Antigens. <i>Biochemical Society Transactions</i> , 1979, 7, 1016-1018.	3.4	2
141	Monoclonal antibodies reacting specifically with the cell surface of human astrocytes in culture. <i>Biochemical Society Transactions</i> , 1983, 11, 208-208.	3.4	2
142	Analysis of specific protein synthesis by cultures of motor neuron-enriched cells from embryonic chicken using dual-label two-dimensional gel electrophoresis. <i>Developmental Brain Research</i> , 1986, 24, 315-317.	1.7	2
143	Molecular Specificity of Ganglioside Action on Neurite Regeneration in Cell Cultures of Sensory Neurons. , 1986, , 335-346.		2
144	â€œInside-Outâ€™ Vesicles of Pig Lymphocyte Plasma Membrane. <i>Biochemical Society Transactions</i> , 1976, 4, 251-252.	3.4	1

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145	Novel antigens at the neuromuscular junction. <i>Journal of Neuroimmunology</i> , 1986, 10, 185-200.	2.3	1
146	Structure and expression of neural cell adhesion molecule complementary DNA clones in skeletal muscle. <i>Biochemical Society Transactions</i> , 1988, 16, 457-460.	3.4	1
147	Generation of multiple neural cell adhesion molecule proteins from a single gene. <i>Biochemical Society Transactions</i> , 1989, 17, 975-976.	3.4	1
148	Characterization of a regulatory region within the human neural cell adhesion molecule gene. <i>Biochemical Society Transactions</i> , 1990, 18, 410-412.	3.4	1
149	Structure of the genes encoding the neural cell adhesion molecules N-CAM and N-cadherin. <i>Biochemical Society Transactions</i> , 1992, 20, 656-658.	3.4	1
150	Cadherins: A review of structure and function. <i>Biomembranes: A Multi-Volume Treatise</i> , 1996, , 127-157.	0.1	1
151	Gene expression in skeletal muscle. , 1988, , 82-93.		1
152	Preparation of human dorsal-root-ganglion x mouse neuroblastoma cell hybrids for the study of human neuronal antigens. <i>Biochemical Society Transactions</i> , 1982, 10, 376-378.	3.4	0
153	An enzyme-linked immuno-adsorbent assay for the quantification of neurofilament protein levels in cell cultures initiated from human foetal nervous tissue. <i>Biochemical Society Transactions</i> , 1984, 12, 1120-1121.	3.4	0
154	Development of choline acetyltransferase activity in motor neuron-enriched primary cultures of chick embryo spinal cord. <i>Biochemical Society Transactions</i> , 1984, 12, 1122-1122.	3.4	0
155	Human X-linked surface antigens. <i>Biochemical Society Transactions</i> , 1985, 13, 120-120.	3.4	0
156	A set of minor gene products specifically expressed in motor neuron-enriched cultures from chick embryo spinal cord. <i>Biochemical Society Transactions</i> , 1986, 14, 606-607.	3.4	0
157	The role of cell adhesion molecules during the development and regeneration of the neuromuscular system. <i>Seminars in Neuroscience</i> , 1996, 8, 367-377.	2.2	0
158	Glycosylphosphatidylinositol Anchored Recognition Molecules That Mediate Intercellular Adhesion and Promote Neurite Outgrowth. , 1993, , 1-11.		0